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TITLE: METHOD AND APPARATUS FOR APPLYING LENS SHEET FORMING RESIN

AMENDED CLAIMS

1. (currently amended) A method for applying resin for forming a lens sheet, comprising the steps of:

blowing hot air on a forming die to adjust a temperature of the forming die to a prescribed temperature, which is suitable for formation of a lens sheet;

applying ionizing radiation curing type resin in a form of liquid on an entirety of an upper surface ~~of a~~ of the forming die through a multiple nozzle to form a first uncured resin layer on the upper surface of said forming die;

applying the ionizing radiation curing type resin in the form of liquid on one side of said first uncured resin layer through a nozzle to form an uncured resin pool thereon; and

spreading said uncured resin pool from said one side of said first uncured resin layer toward an other side thereof to form a second uncured resin layer on said first uncured resin layer.

2. (currently amended) The method as claimed in claim 1, wherein: a multiple nozzle is used as said nozzle ~~in said step (b)~~ to form an uncured resin pool.

3. (original) The method as claimed in claim 1, wherein: the ionizing

radiation curing type resin in the form of liquid is subjected to a step for adjusting temperature of the ionizing radiation curing type resin to a prescribed temperature, which is suitable to formation of a lens sheet, prior to application thereof.

4. (original) The method as claimed in claim 2, wherein: the ionizing radiation curing type resin in the form of liquid is subjected to a step for adjusting temperature of the ionizing radiation curing type resin to a prescribed temperature, which is suitable to formation of a lens sheet, prior to application thereof.

5. (cancelled)

6. (withdrawn) An apparatus for applying resin for forming a lens sheet, comprising:

a first nozzle for applying ionizing radiation curing type resin in a form of liquid on an entirety of an upper surface of a forming die to form a first uncured resin layer on the upper surface of said forming die; and

a second nozzle for applying the ionizing radiation curing type resin in the from of liquid on one side of said first uncured resin layer to form an uncured resin pool thereon.

7. (withdrawn) The apparatus as claimed in claims 6, wherein: at least one of said first nozzle and said second nozzle is a multiple nozzle.

8. (withdrawn) The apparatus as claimed in claim 6, further comprising: a temperature adjusting device for adjusting temperature of the ionizing radiation curing type resin to a prescribed temperature, which is suitable to formation of a lens sheet, prior to application thereof.

9. (withdrawn) The apparatus as claimed in claim 7, further comprising: a temperature adjusting device for adjusting temperature of the ionizing radiation curing type resin to a prescribed temperature, which is suitable to formation of a lens sheet, prior to application thereof.

10. (withdrawn) The apparatus as claimed in any one of claims 7 to 9,

wherein: said multiple nozzle is provided with a plurality of nozzle pipes, said nozzle pipes projecting toward said forming die.

11. (withdrawn) The apparatus as claimed in claim 6, further comprising: a displacement type-single eccentric shaft screw pump for supplying the ionizing radiation curing type resin.

12. (withdrawn) The apparatus as claimed in claim 7, further comprising: a displacement type-single eccentric shaft screw pump for supplying the ionizing radiation curing type resin.

13. (withdrawn) The apparatus as claimed in claim 8, further comprising: a displacement type-single eccentric shaft screw pump for supplying the ionizing radiation curing type resin.

14. (withdrawn) The apparatus as claimed in claim 9, further comprising: a displacement type-single eccentric shaft screw pump for supplying the ionizing radiation curing type resin.

15. (withdrawn) The apparatus as claimed in claim 10, further comprising: a displacement type-single eccentric shaft screw pump for supplying the ionizing radiation curing type resin.

16. (withdrawn) The apparatus as claimed in any one of claims 7 to 9, and 11 to 14, wherein: said multiple nozzle has a device for adjusting an application width.

17. (withdrawn) The apparatus as claimed in claim 10, wherein: said multiple nozzle has a device for adjusting an application width.

18. (withdrawn) The apparatus as claimed in claim 15, wherein: said multiple nozzle has a device for adjusting an application width.

19. (withdrawn) An apparatus for applying resin for forming a lens sheet, comprising:

a nozzle for applying ionizing radiation curing type resin in a form of liquid on a forming die;

a moving device for moving said forming die below said nozzle; and

an application control device for controlling said moving device (i) to move said forming die from an original position thereof below said nozzle at a prescribed velocity so as to apply the ionizing radiation curing type resin in a form of liquid on an entirety of an upper surface of said forming die to form a first uncured resin layer on the upper surface of said forming die, then (ii) to return said forming die to said original position thereof and then (iii) to apply the ionizing radiation curing type resin in the form of liquid on one side of said first uncured resin layer to form an uncured resin pool thereon.